

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
17 July 2003 (17.07.2003)

PCT

(10) International Publication Number
WO 03/057892 A2

- (51) International Patent Classification⁷: C12N 15/86
- (21) International Application Number: PCT/EP03/00340
- (22) International Filing Date: 14 January 2003 (14.01.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
02075108.7 14 January 2002 (14.01.2002) EP
- (71) Applicant (for all designated States except US):
VERENIGING VOOR CHRISTELIJK WETEN-
SCHAPPELIJK ONDERWIJS [NL/NL]; 1105 De
Boelelaan, NL-1081 HV Amsterdam (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): VAN
BEUSECHEM, Victor, Willem [NL/NL]; 362-hs,
Rustenburgstraat, NL-1072 HE Amsterdam (NL).
GERRITSEN, Willem-Ronald [NL/NL]; 31, C.
Huijgenslaan, NL-1422 HE Uithoorn (NL).
- (74) Agent: WITTOP KONNING, T. H.; Exter Polak & Char-
louis B.V., P.O. Box 3241, 2280 GE Rijswijk (NL).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

WO 03/057892 A2

(54) Title: VIRUSES WITH ENHANCED LYTIC POTENCY

(57) **Abstract:** Described is a replication competent recombinant virus, being capable to replicate and having lytic capacity in target cells, the said cell being hampered in the p53 dependent apoptosis pathway, the virus comprising in the genome thereof, the coding sequence of at least one restoring factor functional in restoring the p53 apoptosis pathway in the said target cells, operably linked to one or more expression control sequences, functional in the said target cells., as well as the use thereof in the preparation of a medicament, in particular for suppressing uncontrolled cell growth.